



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

PRELIMINARY ISSUE

654.0702

Job Sheet 206786



POSITIVE RECALL

POSITIVE
RECALL

Part No: 654.0702

Job Qty: 3 pcs

Part Name: Junction Box RH (6F2560V01151)



Part Weight: 0 lbs

Status: New

Job Created: 2/10/20

Job Tracking No:

Due Date: 2/14/20

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG 654.0700 Rev PR4 IPP Rev. A 2020.02.04 New issue DP Verify DD

Ship Via:

EFFECTIVE 2020.11.11 AUTH 11
DAS
RELEASED 55 DATE MAR 17 2020
9-89
Priority: Medium

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Small Fab	3 pcs	2/14/20	2/14/20	0.00	1.20	Small Fab - 1		
120	QC 5	3 pcs	2/14/20	2/14/20	0.00	0.00	QC 5 - 10		
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 50		
							QC 5 - 30		
							QC 5 - 40		
							QC 5 - 61		
							QC 5 - 81		
130	Packaging 3-1 - Stock - B4B	3 pcs	2/14/20	2/14/20	0.00	0.00	Packaging 3 - 1 - B4B		
							Packaging 3 - 2 - B4B		
							Packaging 3 - 3 - B4B		
							Packaging 3 - 4 - B4B		
							Packaging 3 - 5 - B4B		
							Packaging 3 - 6 - B4B		
							Packaging 3 - 7 - B4B		
							Packaging 3 - 8 - B4B		
							Packaging 3 - 9 - B4B		
							Packaging 3 - 10 - B4B		
							Packaging 3 - 11 - B4B		

DAS
55
9-89
MAR 12 2020

DAS
40
9-89
MAR 12 2020

DAS
55
9-89

MAR 17 2020

POSITIVE
RECALL

Plex 2/10/20 10:01 AM Dart.lajeunesse.marie

				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
				Packaging 3 - 37 - B4B	
140 QC 21 - SA	3 pcs	2/14/20	0.00 0.00	QC 21 - SA - 21	QAS
				QC 21 - SA - 70	21
				QC 21 - SA - 53	2-02

MAR 17 2020

Part Op 110 - Assemble as per drawing, see note 5 and 7. Lockwire as required as per dwg.
 Descriptions: 120 - QC5- Inspect part completeness to step on W/O
 130 - Identify as per dwg & Stock Location: _____ Identify as per drawing note 4 and IAW MPP-120.
 140 - QC21- Final Inspection - Work Order Release

014896

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
601.3728	Spring	3 pcs (1 ea)	110-Small Fab	S255371
601.3729	Nylon Washer	3 Ea (1 ea)	110-Small Fab	S255281
601.3734	Nylon Washer	6 Ea (2 ea)	110-Small Fab	S255331
601.3735	Screw	3 Ea (1 ea)	110-Small Fab	S255288
601.3736	Nylon Lock Nut 8-32	3 Ea (1 ea)	110-Small Fab	S255287
651.3010	5/16" Bushing	3 pcs (1 ea)	110-Small Fab	S255669
654.0713	Cable Lock RH	3 Ea (1 ea)	110-Small Fab	S257999
654.0714	Spring Hook	3 Ea (1 ea)	110-Small Fab	S256344
654.0715	Arm RH	3 Ea (1 ea)	110-Small Fab	S257138
654.0716	Bushing	3 pcs (1 ea)	110-Small Fab	S257081
654.0717	Pull Cable Junction RH	3 Ea (1 ea)	110-Small Fab	S259185
MS21044C-06	Nut	3 (1 ea)	110-Small Fab	S255514
MS51957-30	Screw	3 (1 ea)	110-Small Fab	S255552
NAS1149C0332R	Washer (AN960C10L)	3 Ea (1 ea)	110-Small Fab	Am 136444-15
NAS1149CN832R	Washer (AN960C8)	6 Ea (2 ea)	110-Small Fab	S045862
NAS1802-3D8	Hex Head Screw	6 (2 ea)	110-Small Fab	S255508

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Small Fab	601.3728	3	0	0
	601.3729	3	0	0
	601.3734	6	0	0
	601.3735	3	0	0
	601.3736	3	0	0
	651.3010	3	0	0
	654.0713	3	0	0
	654.0714	3	0	0
	654.0715	3	0	0
	654.0716	3	0	0
	654.0717	3	0	0
	MS21044C-06	3	0	0
	MS51957-30	3	0	0
	NAS1149C0332R	3	6,210	0
	NAS1149CN832R	6	478	0
	NAS1802-3D8	6	0	0

Part Specifications

Specifications could not be found.

Plex 2/10/20 10:01 AM Dart.lajeunesse.marie

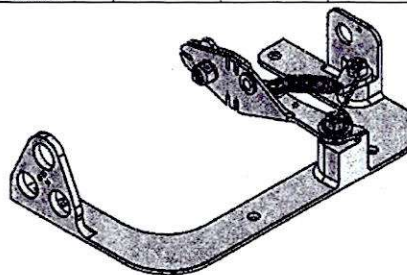
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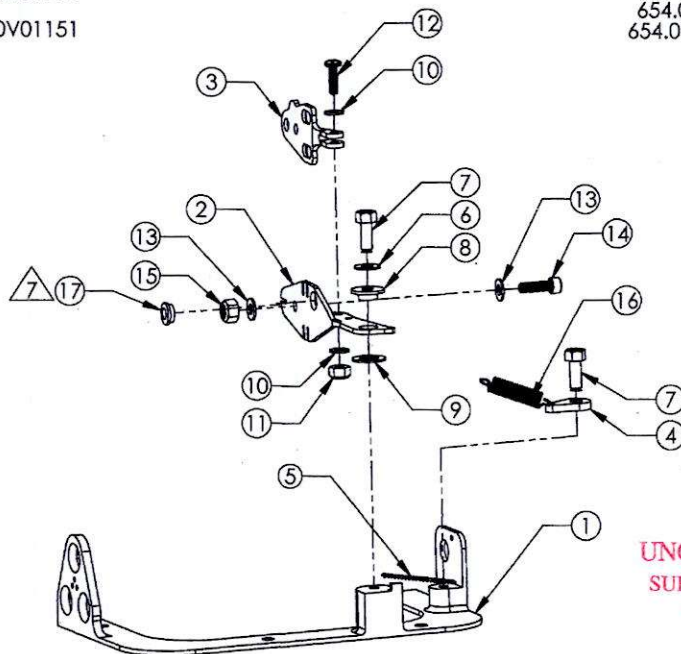
NOTES:

- 1 MATERIAL: 6061-T6 IAW AMS-QQ-A-200/8
- 2 FINISH: ANODIZE IAW MPP-172, SECTION 2.1
- 3 MATERIAL: PEEK
- VENDOR: MCMMASTER P/N 8503K333
- 4 IDENTIFY IAW MPP-120
- 5 SAFETY WIRE BETWEEN FASTENERS
- 6 TORQUE FASTENERS TO 19.8 IN-LBS
- 7 PRESS F/N 17 INTO F/N 3 OR F/N 19
- 8 LHD P/N: 6F2560V00951
- 9 LHD P/N: 6F2560V01151

ZONE		REV.		DESCRIPTION		DATE		EFF.	REASON CODE	APPROVED	REVISED
ALL	PR1	INITIAL PROTOTYPE RELEASE		07/16/19				-	-	P. BRAVO	Z. MUTTER
SHT:1	PR2	ADDED VENDOR FOR BUSHING		01/29/20		CURRENT		MDX		Z. MUTTER	E. CAHILL
SHT:2		CORRECTED MIRROR CALLOUT									
SHT:3		ADDED DETAIL VIEW FOR SPRING HOOK									
SHT:4	PR3	ADDED CALLOUT FOR UPDATED DIMS		01/21/20		CURRENT		MDX		Z. MUTTER	E. CAHILL
SHT:5	PR4	ADDED HOLE DIM CALLOUT ON P/N 654.0712 & 654.0713		02/04/20		CURRENT		MDX		Z. MUTTER	E. CAHILL



654.0701 SHOWN
654.0702 OPPOSITE



654.0701 EXPLODED VIEW

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 2016786 MLS
20-02-10

1	-	20	654.0713	CABLE LOCK RH	△△	
1	-	19	654.0715	ARM RH	△△	
1	-	18	654.0717	PULL CABLE JUNCTION RH	△△	
1	1	17	651.3010	5/16" BUSHING		
1	1	16	601.3728	SPRING		
1	1	15	601.3736	LOCK NUT		
1	1	14	601.3735	SCREW		
2	2	13	601.1869	WASHER		NAS1149CN832R
1	1	12	601.3733	SCREW		MS1957-30
1	1	11	601.3159	NUT		MS21044C-06
2	2	10	601.3734	NYLON WASHER		
1	1	9	601.3729	NYLON WASHER		
1	1	8	654.0716	BUSHING	△	
2	2	7	601.3848	HEX HEAD SCREW		NAS1802-3D8
1	1	6	601.1032	WASHER		AN960C10L
1	1	5	601.1876	SAFETY WIRE		MS20995C20
1	1	4	654.0714	SPRING HOOK	△△	
-	1	3	654.0712	CABLE LOCK LH	△△	
-	1	2	654.0711	ARM LH	△△	
-	1	1	654.0710	PULL CABLE JUNCTION LH	△△	
X			654.0702	JUNCTION BOX RH		△
X			654.0701	JUNCTION BOX LH		△

QTY	DESCRIPTION	MAT'L	SPEC.
1	654.0701		
1	654.0702		
1	654.0703		
1	654.0704		
1	654.0705		
1	654.0706		
1	654.0707		
1	654.0708		
1	654.0709		
1	654.0710		
1	654.0711		
1	654.0712		
1	654.0713		
1	654.0714		
1	654.0715		
1	654.0716		
1	654.0717		
1	654.0718		
1	654.0719		
1	654.0720		

DART
AEROSPACE
APICAL INDUSTRIES, INC.
3030 ENTERPRISE CT., SUITE A
VISTA, CA 92081
(760)-724-5300

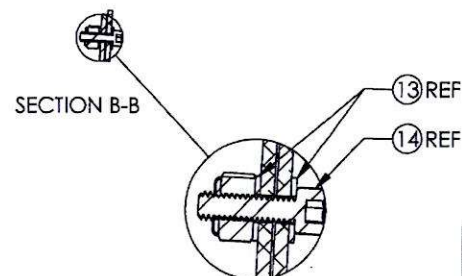
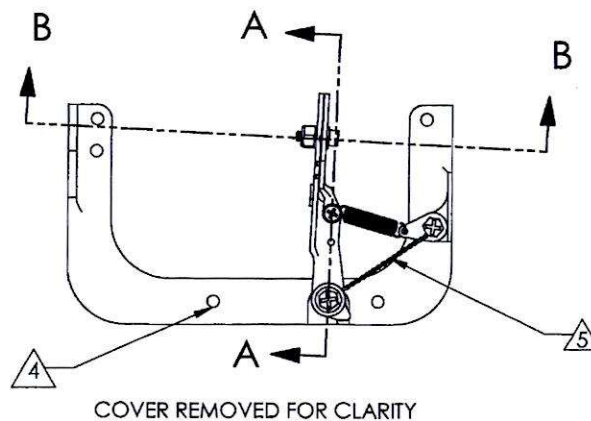
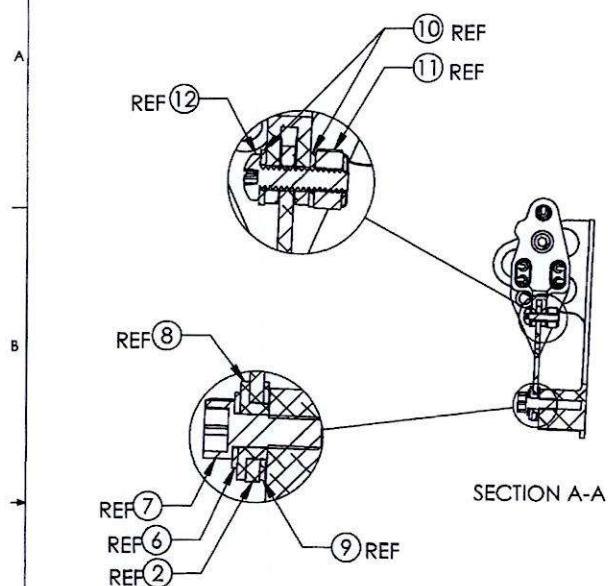
AW169 JUNCTION BOX

REV. PR4

SCALE NONE

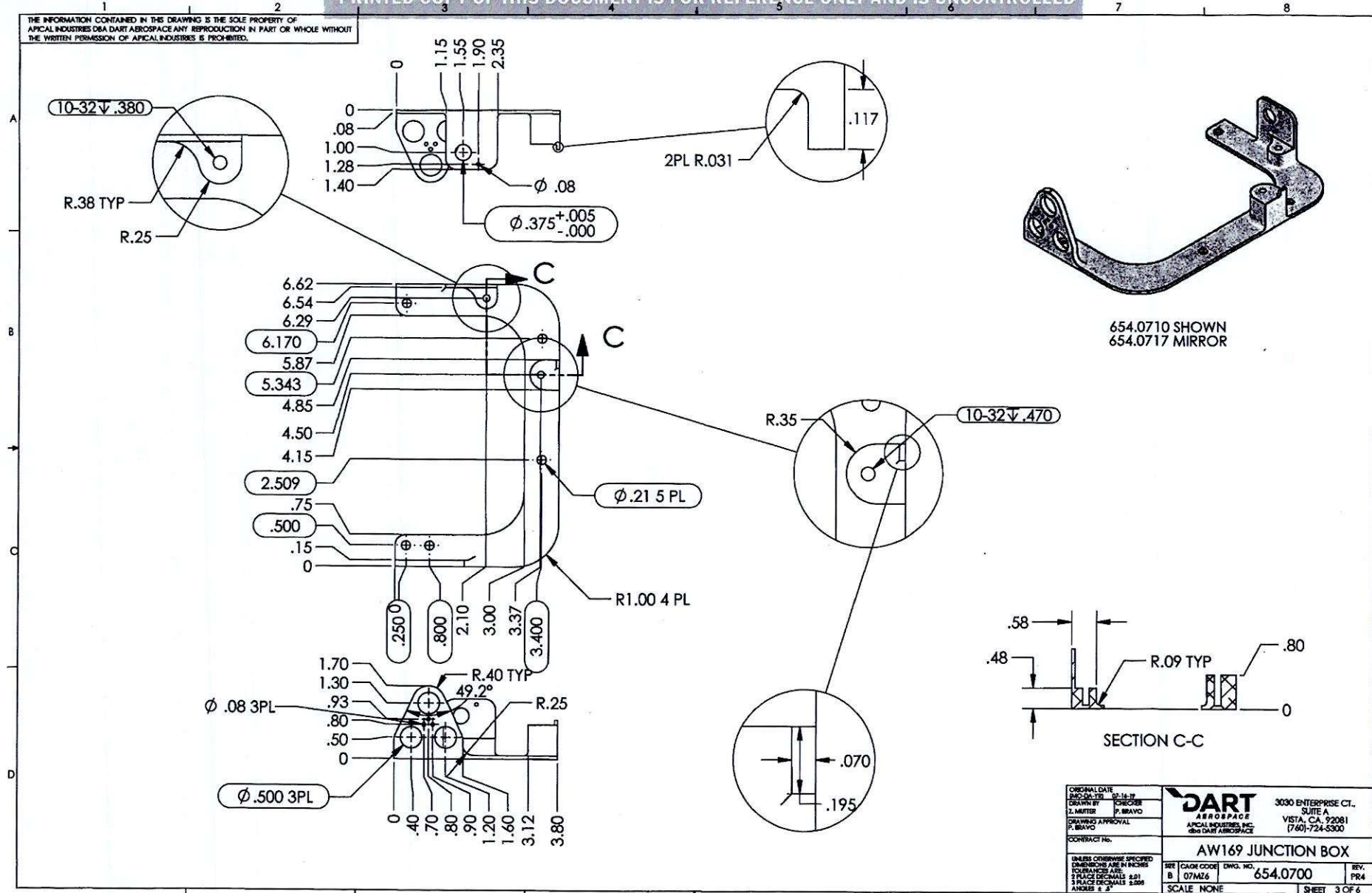
SHEET 1 OF 6

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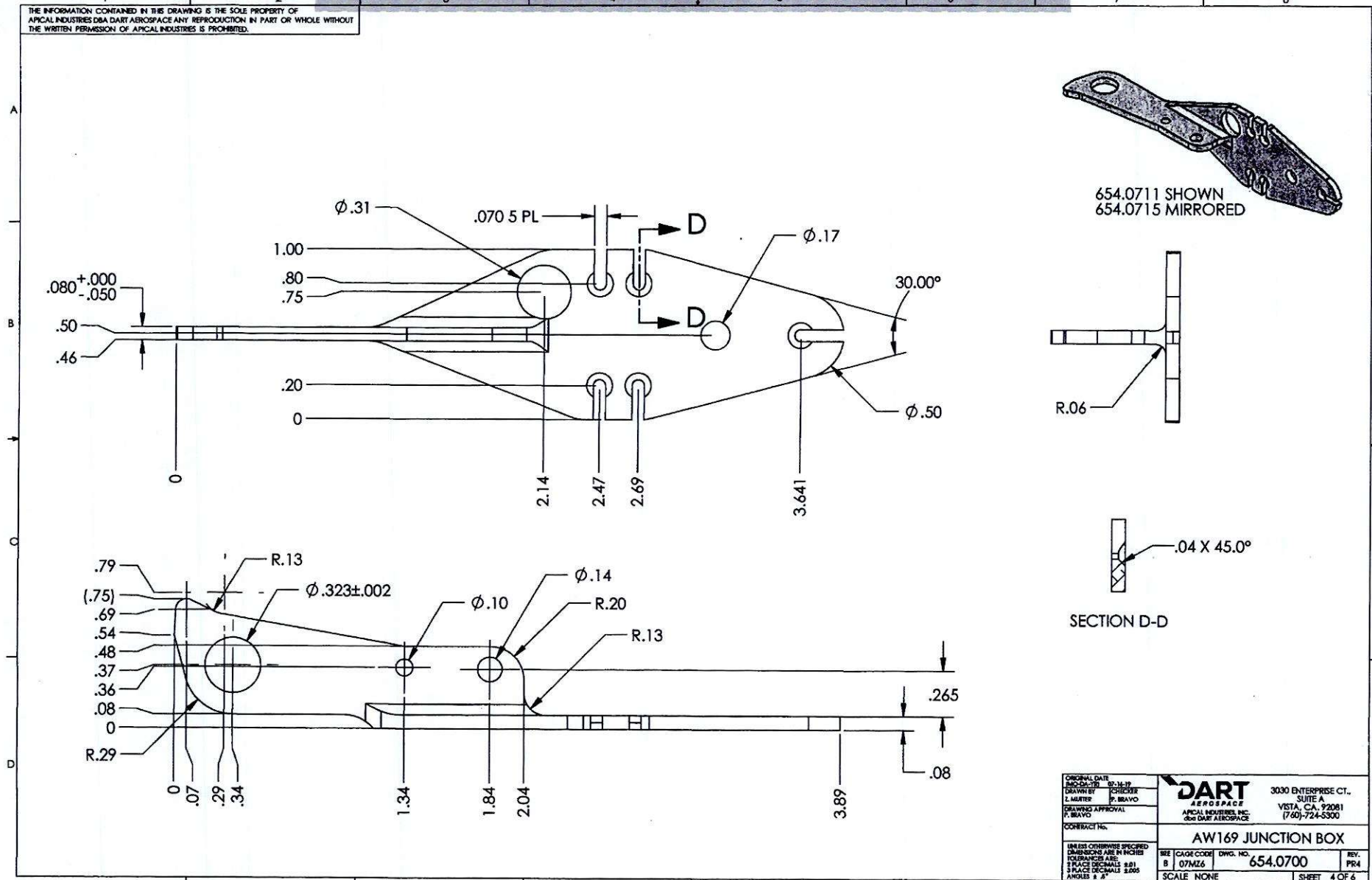


ORIGINAL DATE (MCO-MD-12) 07-14-19		3030 ENTERPRISE CT., SUITE A VISTA, CA, 92081 (760)-724-5300			
DRAWN BY Z. MURTER	CHECKED J. BRAVO	DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE			
DRAWING APPROVAL P. BRAVO					
CONTRACT NO.		AW169 JUNCTION BOX			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TO BRACKETS ARE 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	CAGE CODE 07M26	DWG. NO. 654.0700	REV. PR4
		SCALE NONE			
		SHEET 2 OF 6			

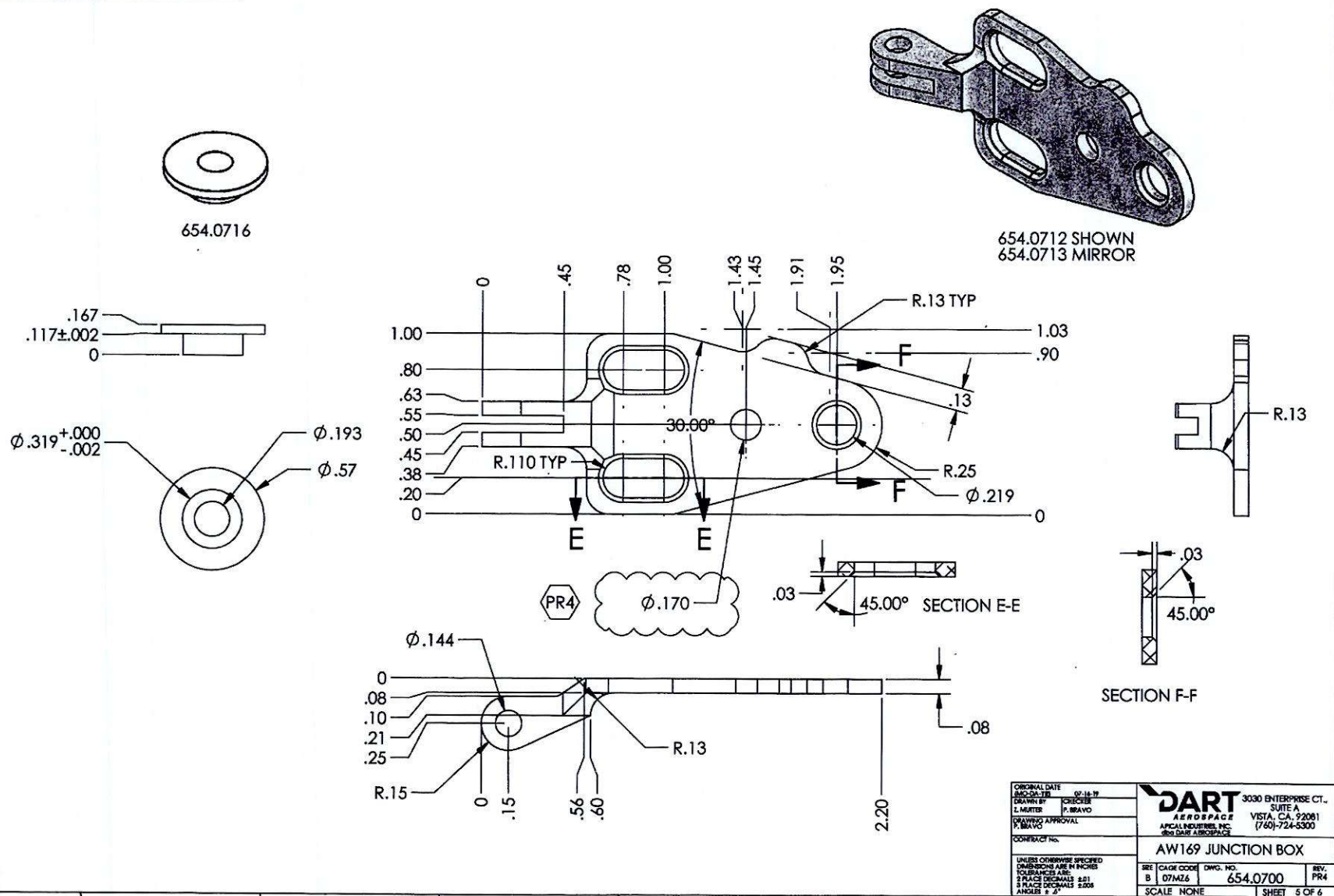
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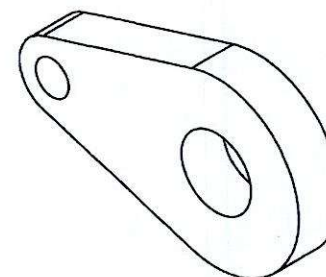
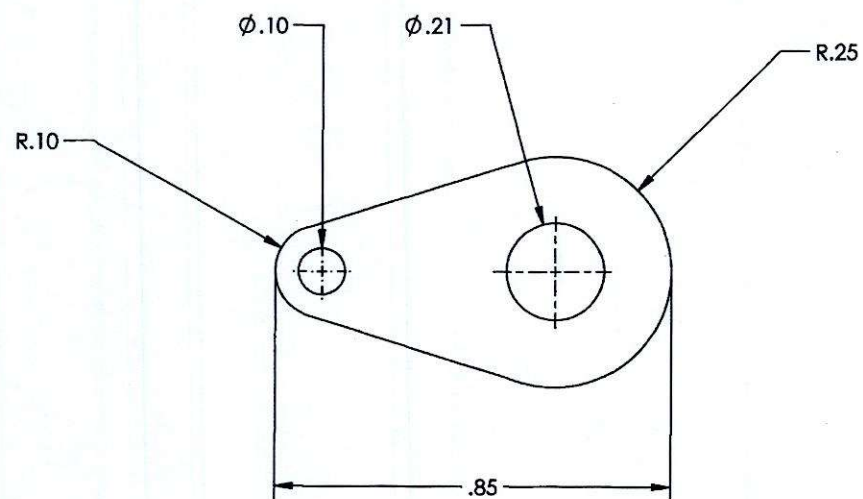
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A

B

C

D



654.0714

ORIGINAL DATE 10-16-19	3030 ENTERPRISE CT., SUITE A VISTA, CA, 92081 (760)-724-5300
DRAWN BY L. MINTER P. BRAYO	DART AEROSPACE
CHECKED BY P. BRAYO	APICAL INDUSTRIES, INC. DBA DART AEROSPACE
CONTRACT NO.	AW169 JUNCTION BOX
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.2°	SHEET 4 OF 6

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

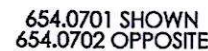
NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

NOTES:

- | REVISIONS | | | | | | | | | |
|-----------|------|---|----------|---------|-------------|----------|-----------|--|--|
| ZONE | REV. | DESCRIPTION | DATE | EFF. | REASON CODE | APPROVED | REVISED | | |
| ALL | PR1 | INITIAL PROTOTYPE RELEASE | 07/16/19 | - | - | P. BRAVO | L. MUTTER | | |
| SHT-1 | | ADDED VIEWPORT FOR SUSING | | | | | | | |
| SHT-3 | | CONNECTED HARBOR CALLOUT | | | | | | | |
| SHT-6 | PI2 | ADDED DETAIL VIEW FOR SPRING HOOK | 01/09/20 | CURRENT | MCI | ZAMUTTER | E.CAHILL | | |
| SHT-2 | | ADDED CALLOUT FOR  | | | | | | | |
| SHT-4 | PI3 | UPDATED DMS | 01/21/20 | CURRENT | MCI | ZAMUTTER | E.CAHILL | | |
| SHT-5 | PI4 | ADDED HOLE DIM CALLOUT ON P/N 8545073 & 8545075 | 02/04/20 | CURRENT | MCI | ZAMUTTER | E.CAHILL | | |



WORK ORDER
NO. 206787 M15
2002-10

1	-	20	654.0713	CABLE LOCK RH		
1	-	19	654.0715	ARM RH		
1	-	18	654.0717	PULL CABLE JUNCTION RH		
1	1	17	651.3010	5/16" BUSHING		
1	1	16	601.3728	SPRING		
1	1	15	601.3736	LOCK NUT		
1	1	14	601.3735	SCREW		
2	2	13	601.1869	WASHER	NAS1149CN832R	
1	1	12	601.3733	SCREW	MS1957-30	
1	1	11	601.3159	NUT	MS21044C-06	
2	2	10	601.3734	NYLON WASHER		
1	1	9	601.3729	NYLON WASHER		
1	1	8	654.0716	BUSHING		
2	2	7	601.3848	HEX HEAD SCREW	NAS1802-3D8	
1	1	6	601.1032	WASHER	AN960C10L	
1	1	5	601.1876	SAFETY WIRE	MS20995C20	
1	1	4	654.0714	SPRING HOOK		
-	1	3	654.0712	CABLE LOCK LH		
-	1	2	654.0711	ARM LH		
-	1	1	654.0710	PULL CABLE JUNCTION LH		
X			654.0702	JUNCTION BOX RH		
	X		654.0701	JUNCTION BOX LH		
.0702	.0701	FIND #	PART #	DESCRIPTION	MATL	SPEC

QTY		PARTS LIST	
NEXT ASSY (S)		 3030 ENTERPRISE CT., SUITE A VISTA, CA 92081 (760) 724-8300 AEROSPACE AFICAL INDUSTRIES, INC. 4800 DART AIRCRAFT	
ORIGINAL DATE DRAWN BY I. METER P. BRAVO DRAWING APPROVAL P. BRAVO CONTROL NO.		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE FRACTIONAL DECIMALS .0010 ANGLES 8° FRACTIONAL DECIMALS .0010 ANGLES 8°	
SEE CADWIG DWG. NO. B 07M26 SCALE NONE		654.0700 SHEET 1 OF 4	



Container No: S263316

Part: 654.0702

Job No: 206786

Serial No/Batch: S263316

Revision: PM4

Inspector:

Exp Date:

Instructions:

Date: 09/12/20

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UK
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